

| | | | | | |
|--|---|-----------|---|-------------------------------|--------------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | Complete if Known | |
| | | | | Application Number | 10/656,531 |
| | | | | Filing Date | September 5, 2003 |
| | | | | First Named Inventor | BALTIMORE et al. |
| | | | | Group Art Unit | 1652 |
| | | | | Examiner Name | D. Ramirez |
| | | | | Attorney Docket Number | 8325-5001 (C1-US1) |
| Sheet | 1 | of | 1 | | |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|----------------------|--------------------------------------|---|--|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY |
| | | Number | Kind Code ² (if known) | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|-----------------------|-------------------------|---------------------|-----------|---|--|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | T ⁵ |
| | | Office ³ | Number ⁴ | Kind Code | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS | | | |
|---|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ¹ |
| /D.R./ | C1 | Jakubauskas, <i>et al.</i> , "DOMAIN ORGANIZATION AND FUNCTIONAL ANALYSIS OF TYPE IIS RESTRICTION ENDONUCLEASE ECO311," <i>Biochemistry</i> 47:8546-8556 (2008). | |
| /D.R./ | C2 | Lee, <i>et al.</i> , "STUDYING THE RECRUITMENT OF SP1 TO THE B-GLOBIN PROMOTER WITH AN IN VIVO METHOD: PROTEIN POSITION IDENTIFICATION WITH NUCLEASE TAIL (PIN*POINT)," <i>PNAS</i> 95:969-974 (1998). | |
| /D.R./ | C3 | Porteus, "CHIMERIC NUCLEASES STIMULATE GENE TARGETING IN HUMAN CELLS," <i>Blood</i> , vol. 100 from November 16, 2002 – as Abstract 821 from the 44 th Annual Meeting of the American Society of Hematology in Philadelphia, PA (2002). | |

| | | | |
|---------------------------|-----------------|------------------------|------------|
| Examiner Signature | /Delia Ramirez/ | Date Considered | 04/29/2011 |
|---------------------------|-----------------|------------------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number.

² See attached Kinds of U.S. Patent Documents.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Applicant is to place a check mark here if English language Translation is attached.